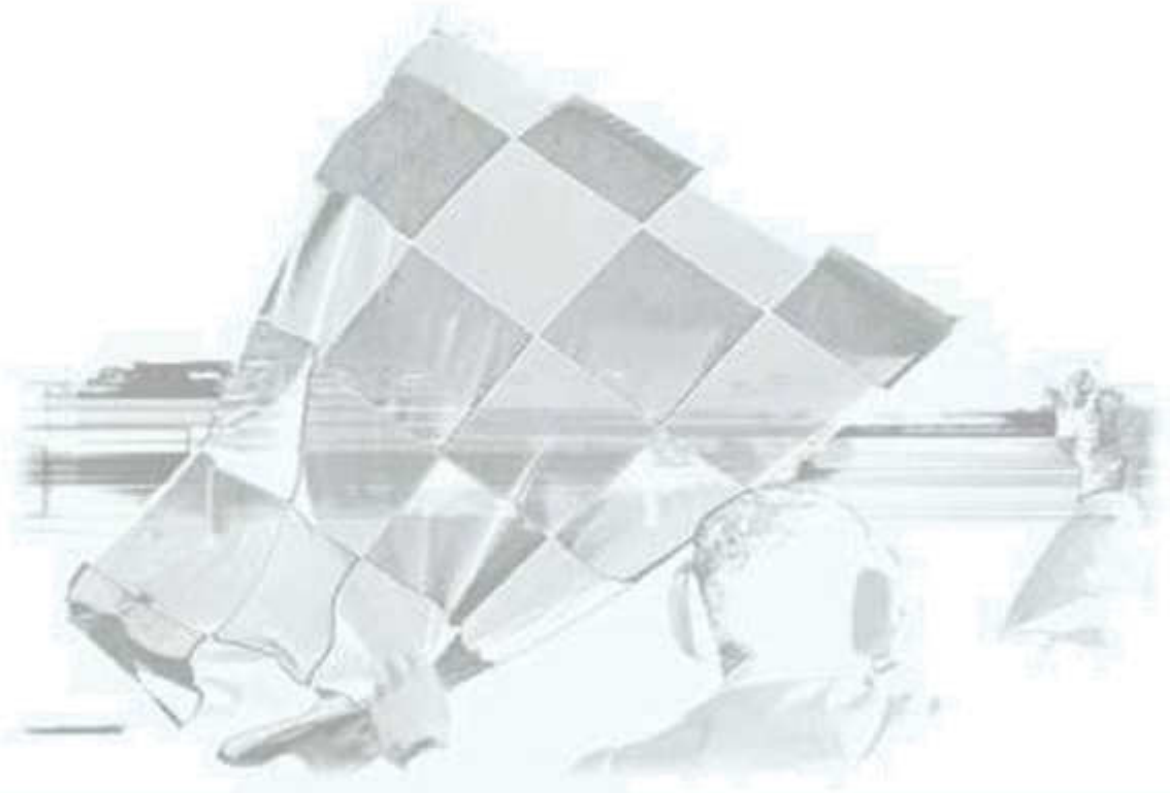
Hourmeter C1

User Manual



ATHENA Evolution

1 MAIN FEATURES

- Exclusive “wireless” system to count engine working hours
- Total counter (non-resettable) up to 1000 hours *
- Partial counter (resettable) up to 1000 hours *
- Control button to reset/visualize counters
- Resolution: 10 minutes
- Internal battery
- IP68 protection factor

* once passed 999 hours and 59 minutes, the display visualize 000.0

2 C1 HOURMETER

3 DISPLAY READING

C1 counter visualizes hours in this format:

Examples:

- 12 hours and 59 minutes are visualized as **012.5**
- 13 hours and 05 minutes are visualized as **013.0**

4 INSTALLATION

Install the counter, with adhesive strip in the back, in a position with vibration coming from the engine (in motorbikes the best part is the outer part of the chassis), but not too close to hot components (as exhaust).
Please clean deeply surfaces before install the C1 (for this it is suggested the use of low residue solvents – eg. acetone) with outer temperatures exceeding 10℃ .
In order to avoid accidental detachments it is possible to use holes in the sides of C1 using two tie wraps to fix the product to the vehicle.
To check a proper installation, please switch on the engine and wait a few seconds (around 8 – 10 s). The display will switch on showing the working hours and the blinking dot.
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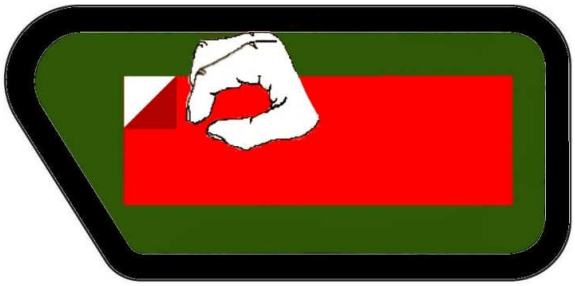
1: CLEEN PROPERLY THE SURFACES

2: REMOVE PROTECTION FROM C1 STRIP



3: FIX THE C1 IN A PROPER POSITION

4: IF NEEDED, USE TWO TIE WRAPS

5 NORMAL USE

Switch on the engine and wait a few seconds (around 8 – 10 s). The display turns on automatically, showing the working hours and the blinking dot.
In this condition **S** button is not working: it is not possible to visualize total and partial counters.
Once the engine is switched off, the counter will be active for a minute. The device will turn off automatically.

6 TOTAL COUNTER VISUALIZATION

Proceed as follow:

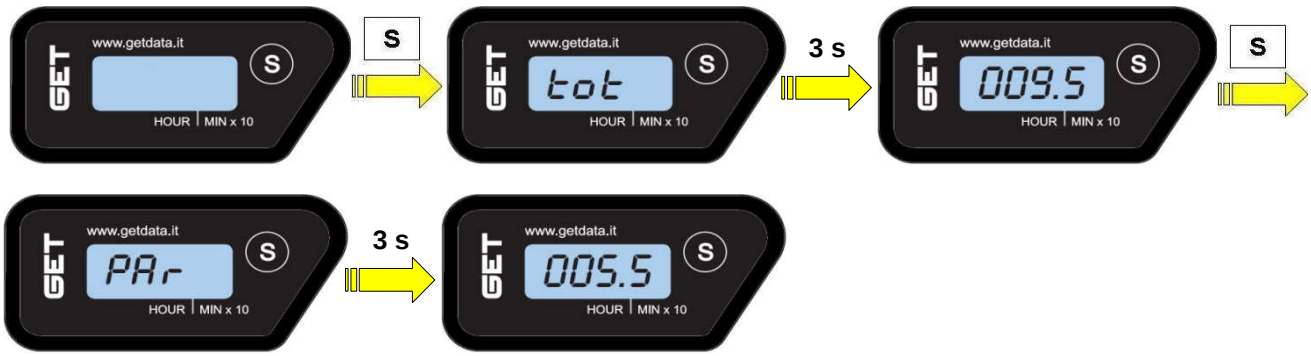
- Push briefly **S** button: the display shows **tot** for 3-4 seconds and, after this, the total working hours value for around 8 seconds.
- At the end of this visualization the display will turn off automatically.

7 PARTIAL COUNTER VISUALIZATION

Proceed as follow:

- Push briefly **S** button: the display shows **tot** for 3-4 seconds and, after this, the total working hours value for around 8 seconds.
- During the visualization, push **S** button briefly: display shows **Par** for around 3 seconds and, after this, the partial working hours for around 8 seconds.
- At the end of this visualization the display will turn off automatically.

WARNING: partial hours counter could increase differently from the total hours counter. This behaviour is related to the moment when the reset is done. **C1** visualizes tens of minutes but, in reality, internal counter is divided in to singles minutes.



8 PARTIAL COUNTER RESET

Proceed as follow:

- Push briefly **S** button: the display shows **tot** for 3-4 seconds and, after this, the total working hours value for around 8 seconds.
- During the visualization, push **S** button briefly: display shows **Par** for around 3 seconds and, after this, the partial working hours for around 8 seconds.
- Keep pushing **S** button until you see " **- - - -** " blinking.
- Release **S** button: display will auto-switch off after a few seconds and the partial hours counter is resetted.

NOTE / NOTES:

ITALIANO

Direttive 2002/95/CE, 2002/96/CE e 2003/108/CE del Parlamento Europeo relative ai rifiuti di Apparecchiature Elettriche ed Elettroniche
Smaltimento dei rifiuti elettrici ed elettronici (applicabile nell'Unione Europea e negli altri paesi europei con servizio di raccolta differenziata).
Il simbolo del cassonetto barrato presente sul prodotto o sulla sua confezione indica che il prodotto non deve essere trattato come rifiuto domestico, bensì raccolto separatamente ed essere consegnato ad un centro di raccolta autorizzato per il riciclo dei rifiuti elettrici ed elettronici (oppure reso al rivenditore nel momento dell'acquisto di un nuovo prodotto di tipo equivalente, in ragione di uno a uno). Provvedendo a che il prodotto venga smaltito in modo ambientalmente compatibile, si evita un potenziale impatto negativo sull'ambiente e per la salute umana, favorendo il reimpiego e/o riciclo dei materiali di cui è composta l'apparecchiatura.
Lo smaltimento abusivo del prodotto da parte dell'utente comporta l'applicazione delle sanzioni amministrative previste dalla normativa vigente.
Per adempiere correttamente alla normativa, i produttori partecipano a "sistemi collettivi" che hanno il compito di organizzare e gestire sistemi di raccolta dei RAEE provenienti dai nuclei domestici.
Per maggiori informazioni, contattare l'ufficio preposto nella Vostra città, il servizio per lo smaltimento dei rifiuti domestici o il negozio in cui avete acquistato il prodotto.

ENGLISH

Directive 2002/95/EC, 2002/96/EC and 2003/108/CE of the European Parliament on waste electrical and electronic equipment (WEEE)
Disposal of old Electrical & Electronic Equipment (applicable throughout the European Union and other European countries with separate collection programs).
The symbol of crossed out wheeled bin, found on the product or on its packaging, indicates that this product should not be treated as household waste when you wish to dispose of it. Instead, it should be handed over to an applicable collection point (or the recycling of electrical and electronic equipment).
By ensuring that product is disposed of correctly, you will help prevent potential negative consequences to the environment and human health, which could otherwise be caused by inappropriate disposal of this product. The recycling of materials will help to conserve natural resources.
For more detailed information about the recycling of this product, please contact your local city office, household waste disposal service or the retail store where you purchased the product.

FRANÇAIS

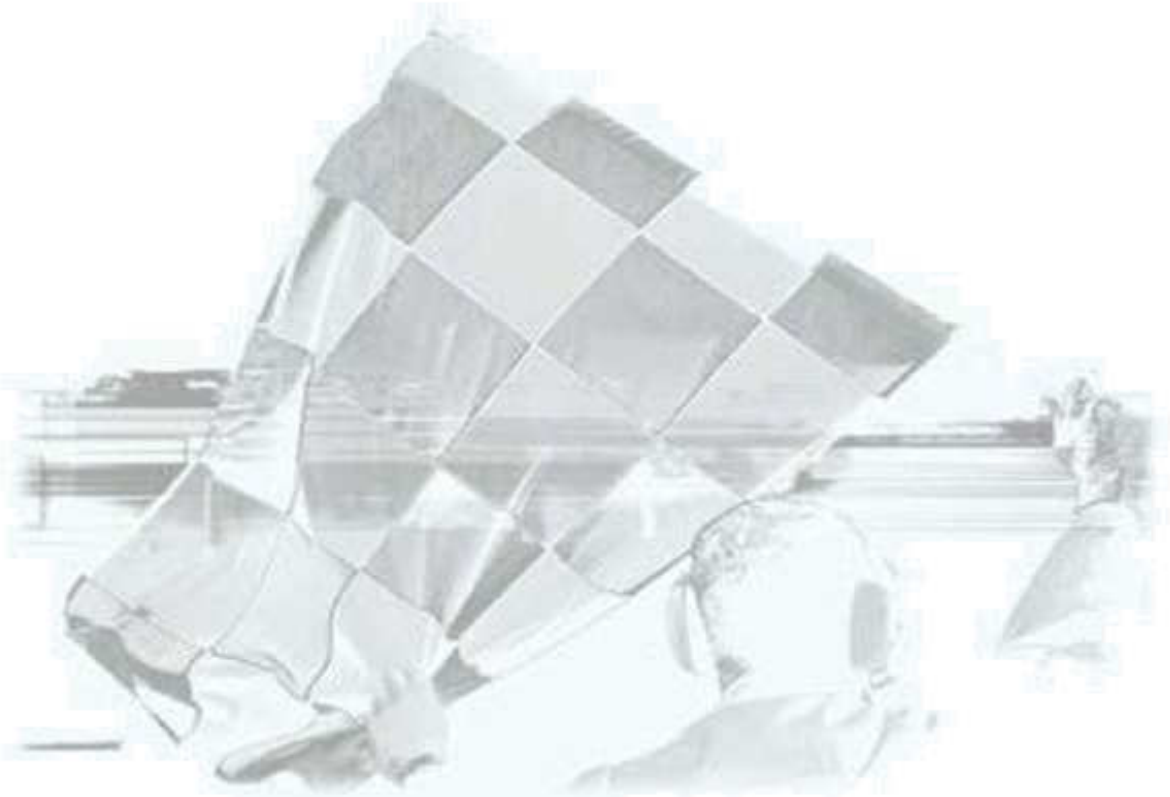
Directive 2002/95/CE, 2002/96/CE et 2003/108/CE du Parlement européen relative aux déchets d'équipements électriques et électroniques (DEEE)
Disposition concernant les anciens équipements électriques et électroniques (applicable dans l'Union Européenne et dans d'autres pays européens avec des systèmes de collecte séparés).
Ce symbole sur le produit ou sur son emballage indique que ce produit ne sera pas traité comme perte ménagère. Au lieu de cela il sera remis au point de collecte dédié pour le recyclage de l'équipement électrique et électronique. En s'assurant que ce produit est trié et jeté correctement, vous contribuerez a empêcher de potentielles conséquences négatives pour l'environnement et la santé humaine, qui pourraient autrement être provoquées par la manutention de rebut inadéquate de ce produit.
La réutilisation des matériaux aidera à conserver les ressources naturelles.
Pour des informations plus détaillé sur la réutilisation de ce produit, vous pouvez contacter votre mairie, la société de collecte et tri des rebuts ménagers ou le magasin où vous avez acheté le produit.

DEUTSCH

Richtlinie 2002/95/EG, 2002/96/EG, 2003/108/EG des Europäischen Parlaments über Elektro- und Elektronik-Altgeräte - Gemeinsame Erklärung
Entsorgung von alten Elektro- und Elektronikgeraten (gültig in dar Europäischen Union und anderen europäischen Ländern mit separatem Sammelsystem).
Dieses Symbol auf dem Produkt oder auf der Verpackung bedeutet, dass dieses Produkt nicht wie Hausmüll behandelt werden darf. Stattdessen soll dieses Produkt zu dem geeigneten Entsorgungspunkt zum Recyceln von Elektro- und Elektronikgeraten gebracht werden.
Wird das Produkt korrekt entsorgt, helfen Sie mit, negativen Umwelteinflussen und Gesundheitsschàden vorzubeugen, die durch unsachgemäße Entsorgung verursacht werden könnten. Das Recycling von Material wird unsere Naturressourcen erhalten. Für nähere Informationen über das Recyceln dieses Produktes kontaktieren Sie bitte Ihr lokales Bürgerbüro, Ihren Hausmüll Abholservice oder das Geschäft, in dem Sie dieses Produkt gekauft haben

ESPAÑOL

Directiva 2002/95/CE, 2002/96/CE y 2003/108/CE del Parlamento Europeo sobre residuos de aparatos eléctricos y electrónicos (RAEE)
Legislación referida a la eliminación de residuos de aparatos eléctricos y electrónicos (que se aplica en la Unión Europea y en los otros países europeos con servicio de recogida selectiva).
El símbolo del contenedor de basura tachado presente en el producto o en el embalaje indica que el producto no se puede tratar como residuo doméstico, sino que se debe eliminar por separado y se debe entregar a un centro de recogida autorizado para el reciclaje de los residuos de aparatos eléctricos y electrónicos (o se debe devolver al revendedor en el momento de la compra de un nuevo producto equivalente).
Haciendo que el producto se elimine de una manera compatible con el medio ambiente se evitan las potenciales consecuencias negativas sobre el mismo y sobre la salud del hombre, y se favorece el nuevo uso o el reciclaje de los materiales que componen el aparato.
La eliminación incontrolada del producto por parte del usuario implica la aplicación de las sanciones administrativas previstas por la legislación vigente.
Para la aplicación correcta de la legislación, los fabricantes participan en " sistemas colectivos " que tienen la función de organizar y gestionar los sistemas de recogida de los RAEE procedentes núcleos domésticos.
Para mayor información, dirigirse a la oficina de la ciudad de residencia encargada del servicio de eliminación de desechos urbanos o a la tienda donde se adquirió el producto.



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